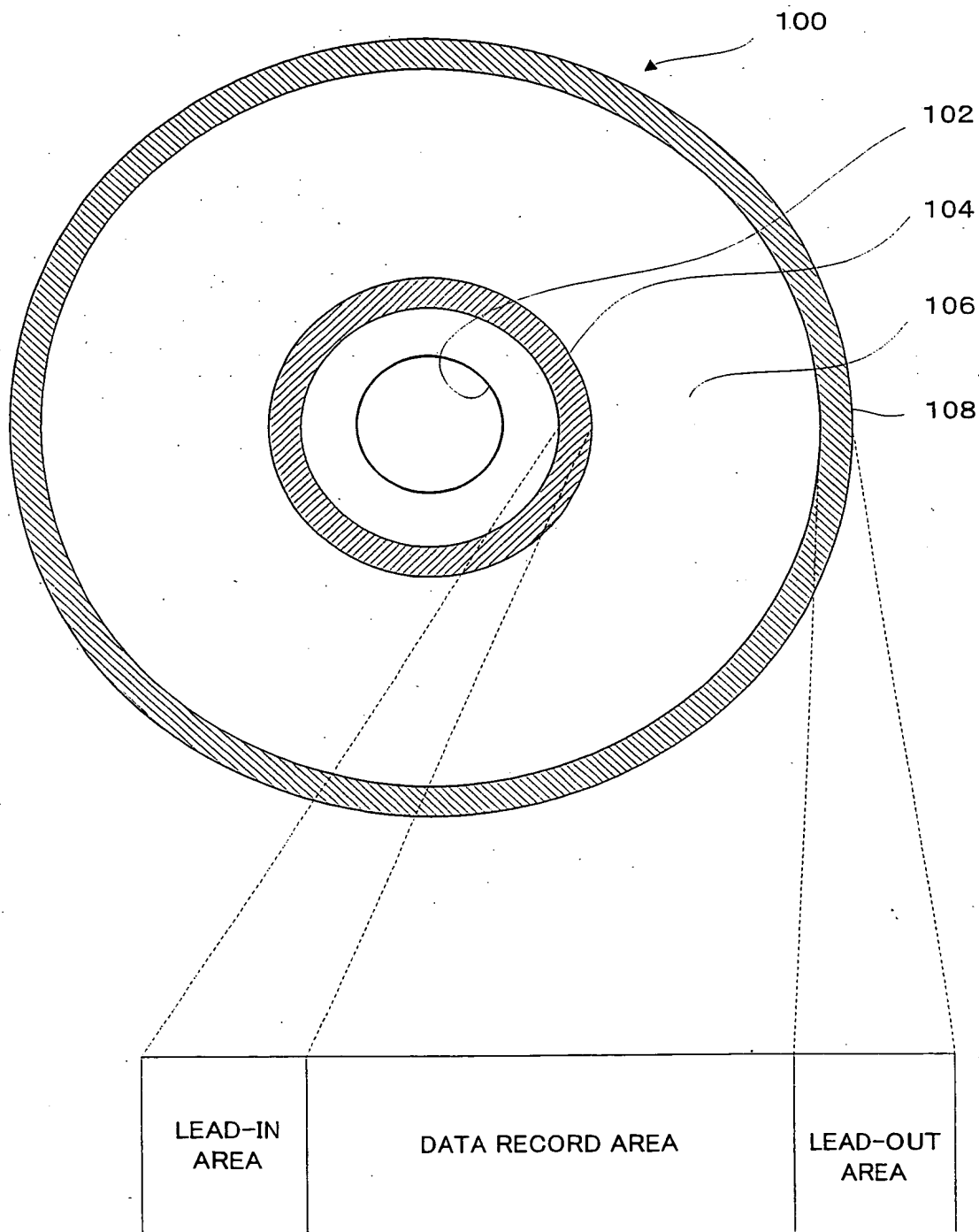


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FIG. 1



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FIG. 2(a)

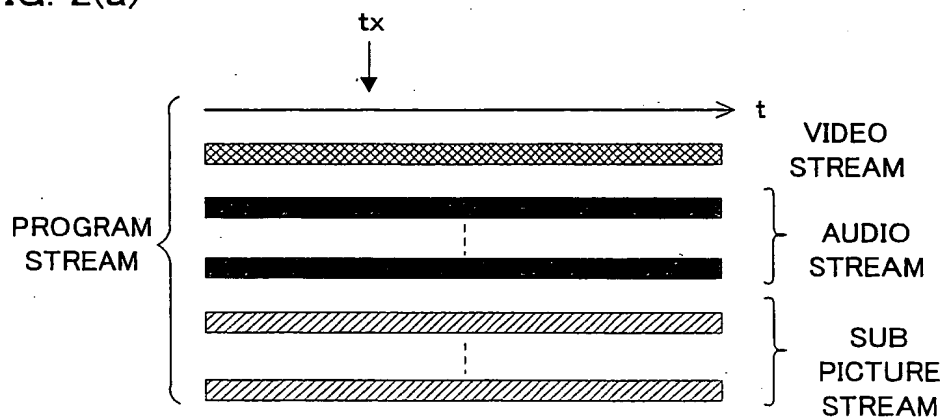


FIG. 2(b)

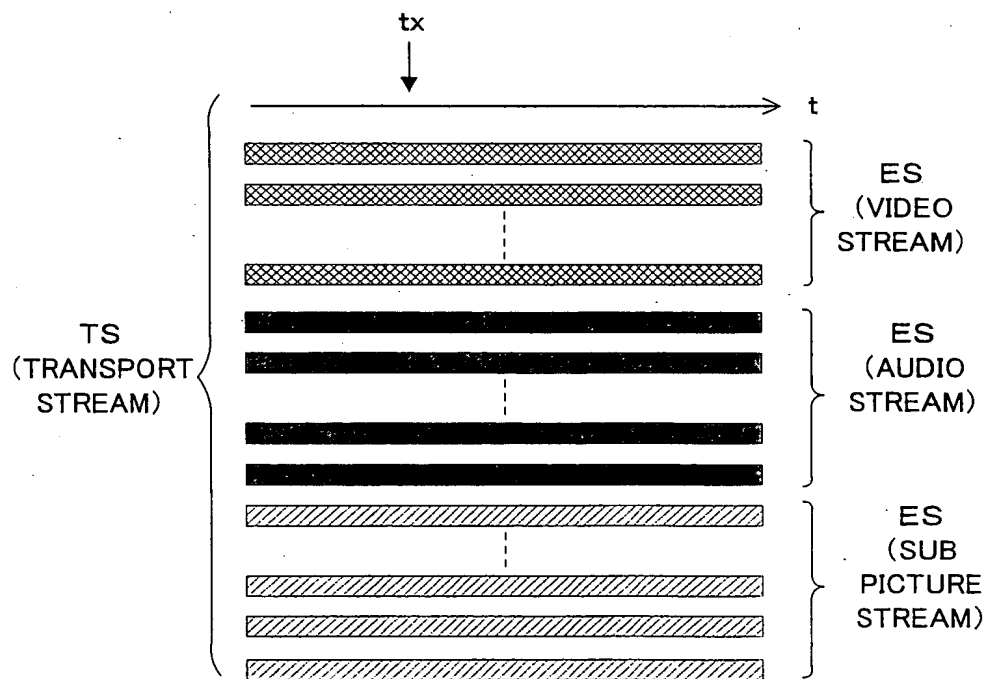
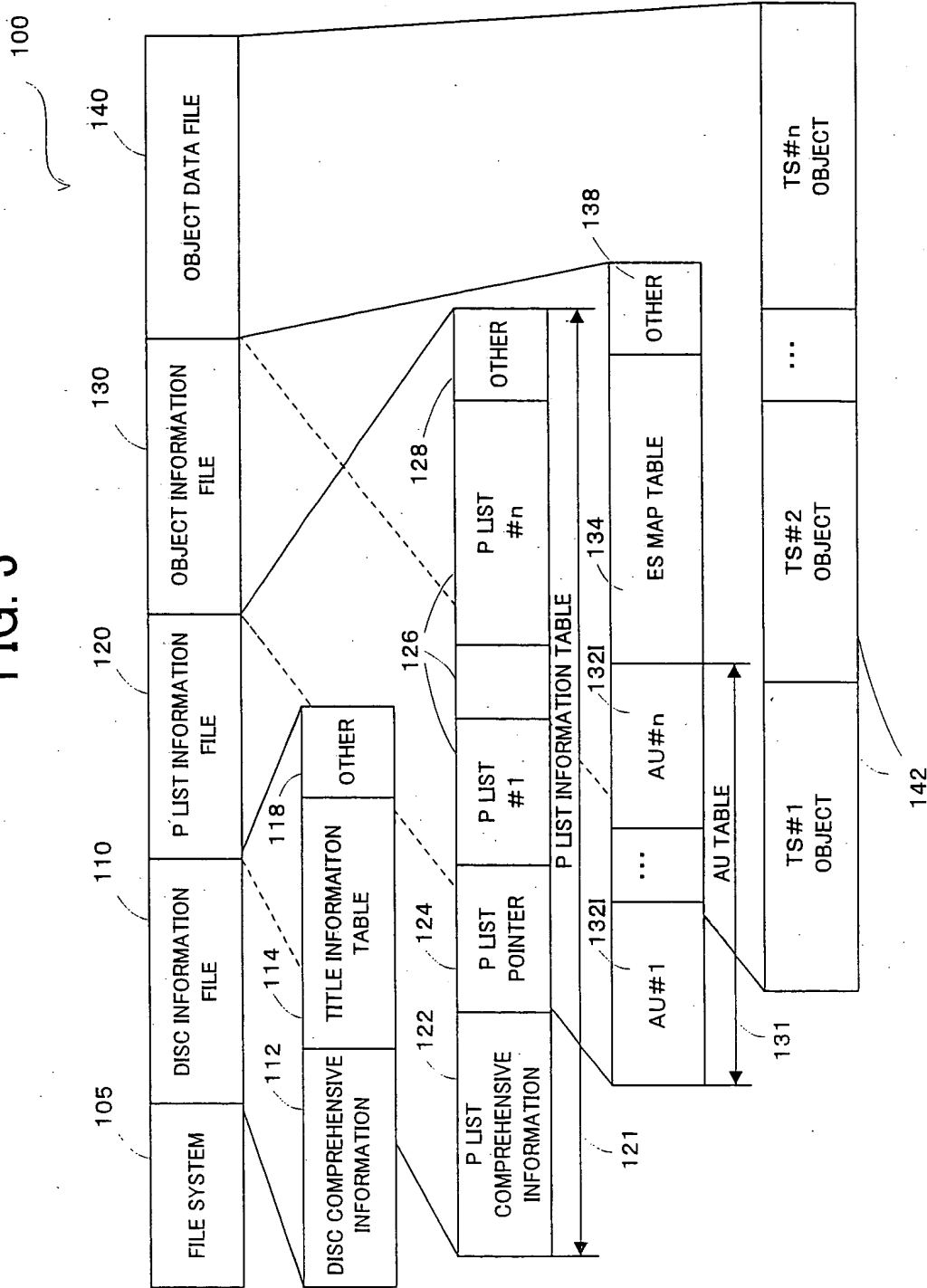
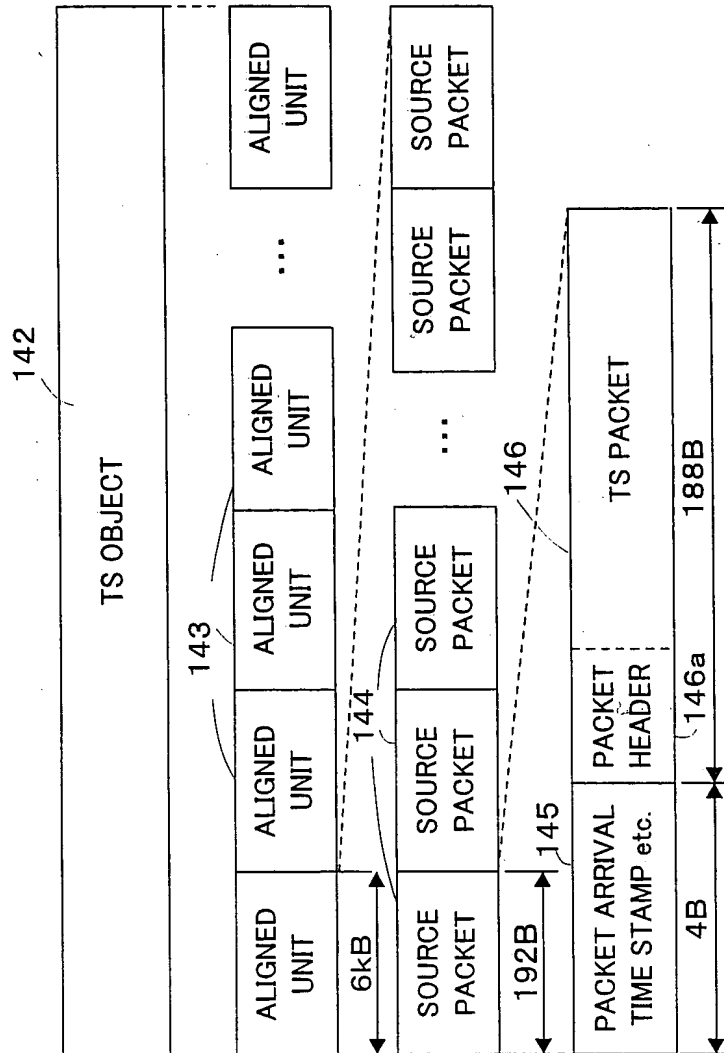


FIG. 3



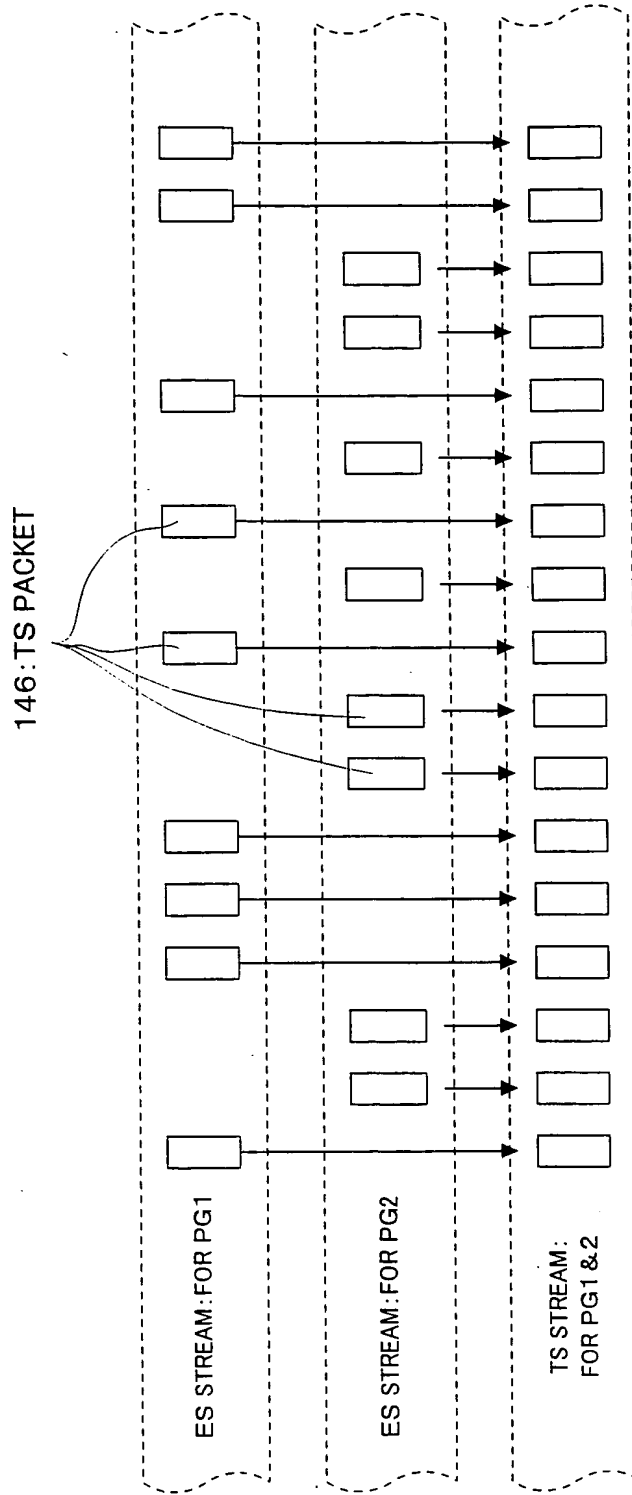
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FIG. 4



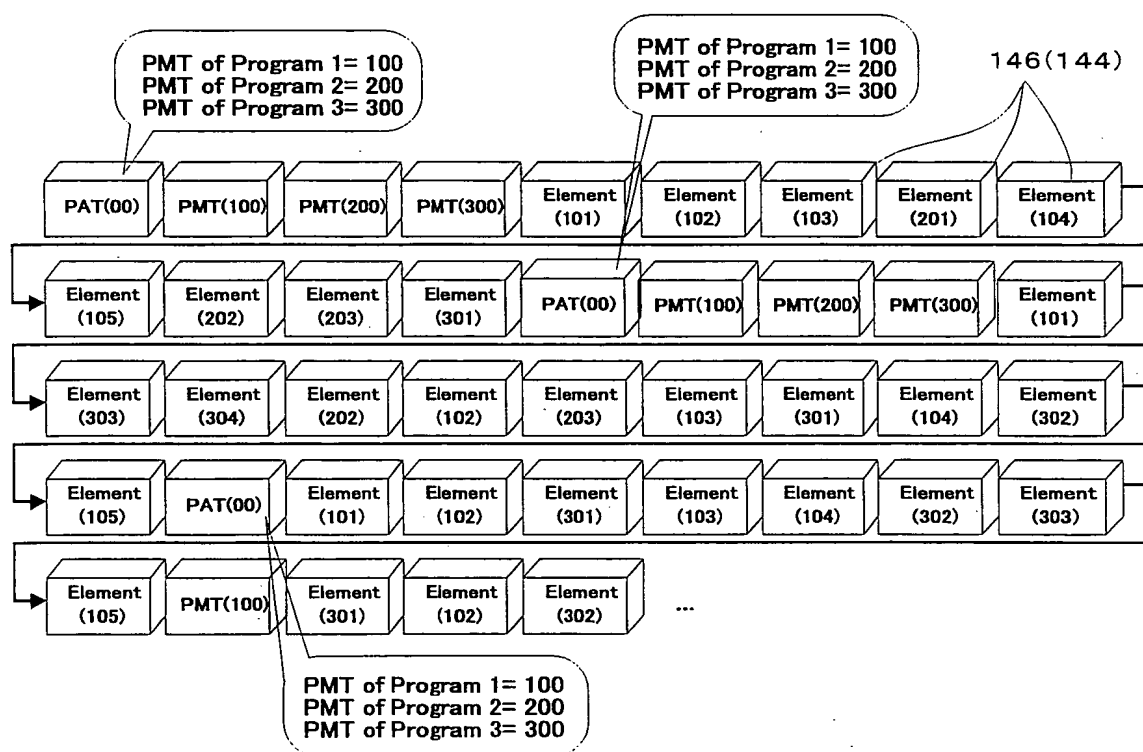
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FIG. 5



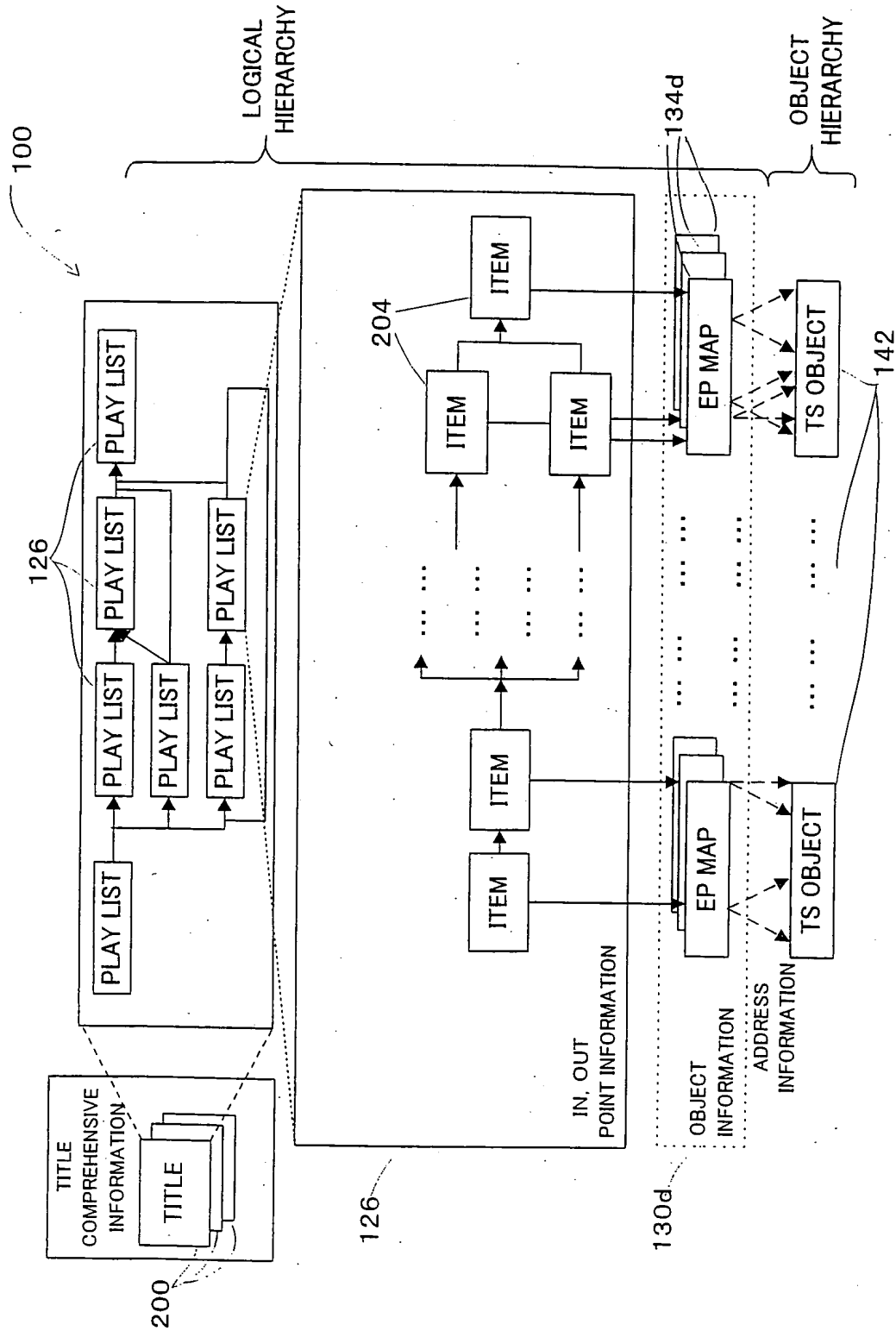
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FIG. 6



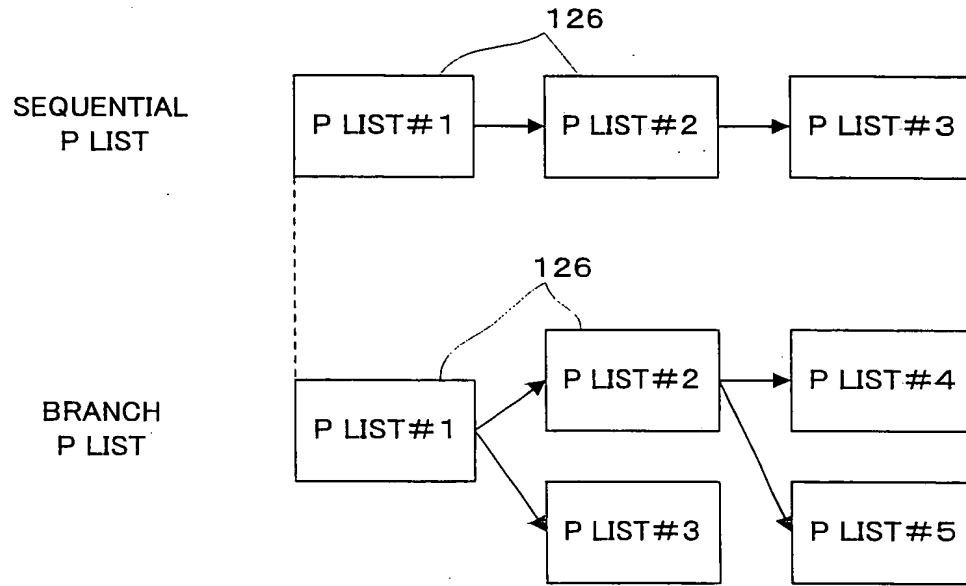
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FIG. 7



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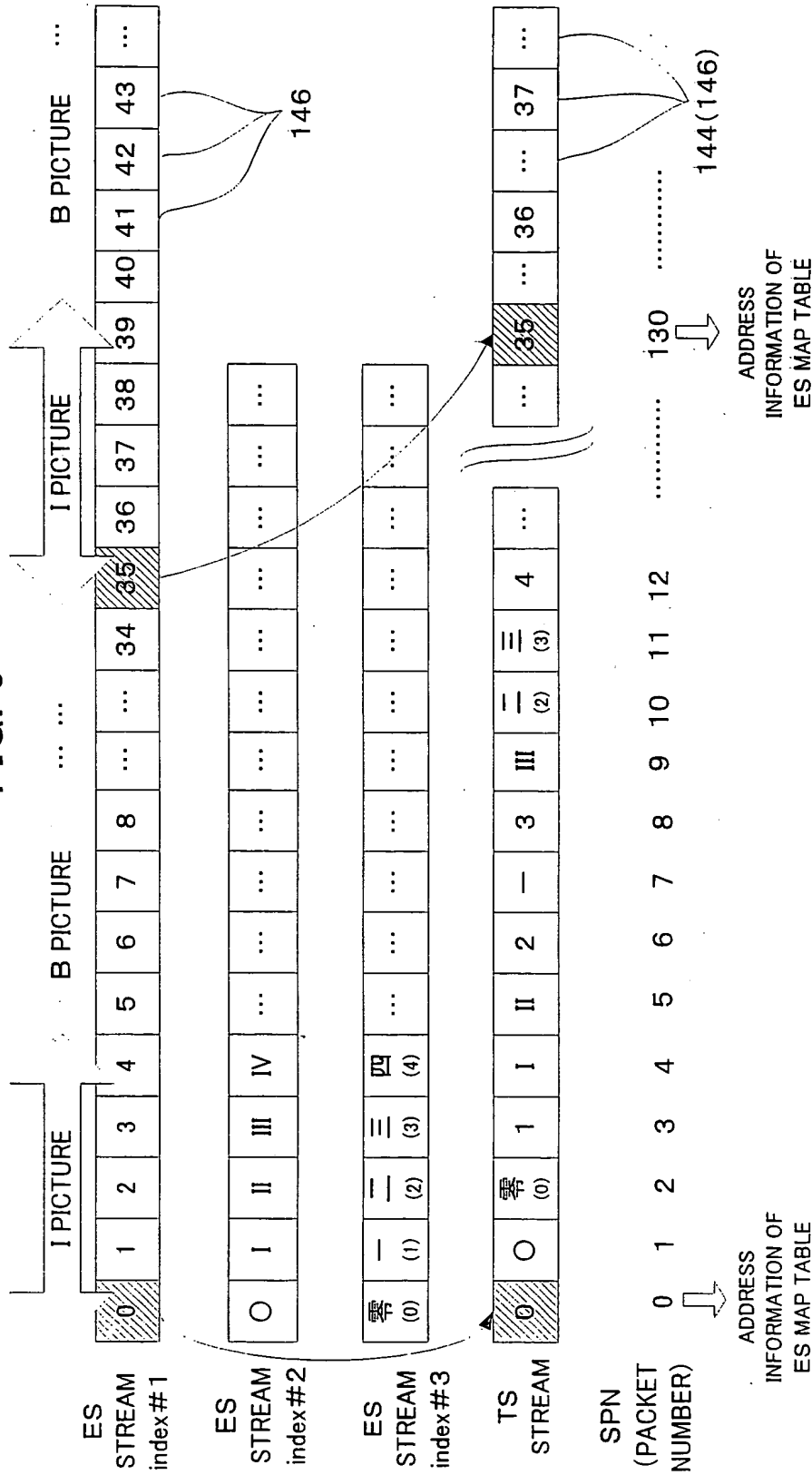
FIG. 8





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FIG. 9



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FIG. 10

(a)

ADDRESS  
INFORMATION  
FOR  
ES STREAM  
index# 1

| DISPLAY START<br>TIME POINT | SPN<br>(PACKET NUMBER) |
|-----------------------------|------------------------|
| T1_0                        | 0                      |
| T1_1                        | 130                    |
| T1_2                        | 258                    |
| T1_3                        | 392                    |
| ...                         | ...                    |

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FIG. 10

(b)

ADDRESS  
INFORMATION  
FOR  
ES STREAM  
index# 2

| DISPLAY START<br>TIME POINT | SPN<br>(PACKET NUMBER) |
|-----------------------------|------------------------|
| T2_0                        | 1                      |
| T2_1                        | 4                      |
| T2_2                        | 5                      |
| T2_3                        | 9                      |
| ...                         | ...                    |

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FIG. 10

(c)

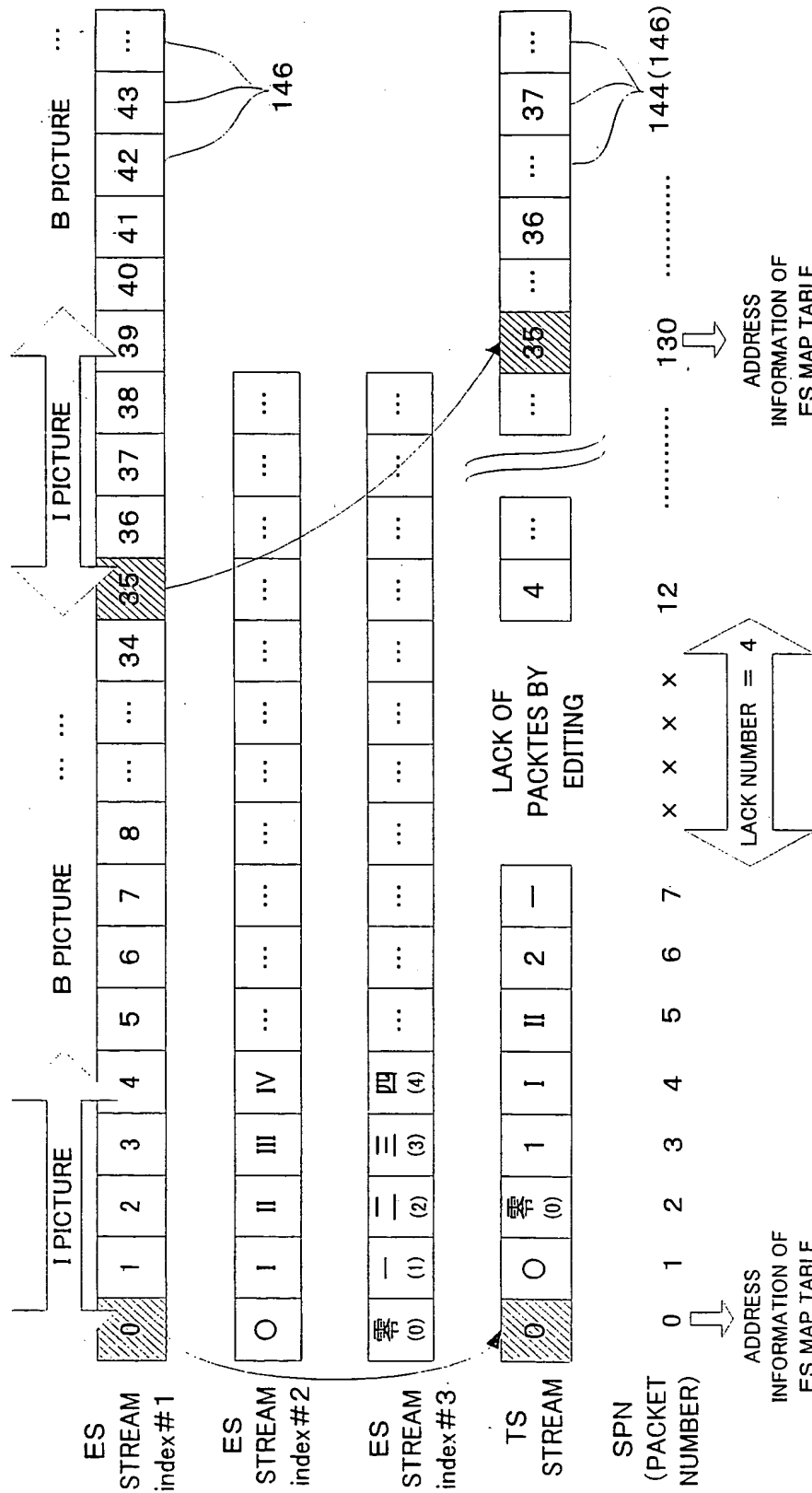
ADDRESS  
INFORMATION  
FOR  
ES STREAM  
index# 3

| DISPLAY START<br>TIME POINT | SPN<br>(PACKET NUMBER) |
|-----------------------------|------------------------|
| T3_0                        | 2                      |
| T3_1                        | 7                      |
| T3_2                        | 10                     |
| T3_3                        | 11                     |
| ...                         | ...                    |

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FIG. 11



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FIG. 12

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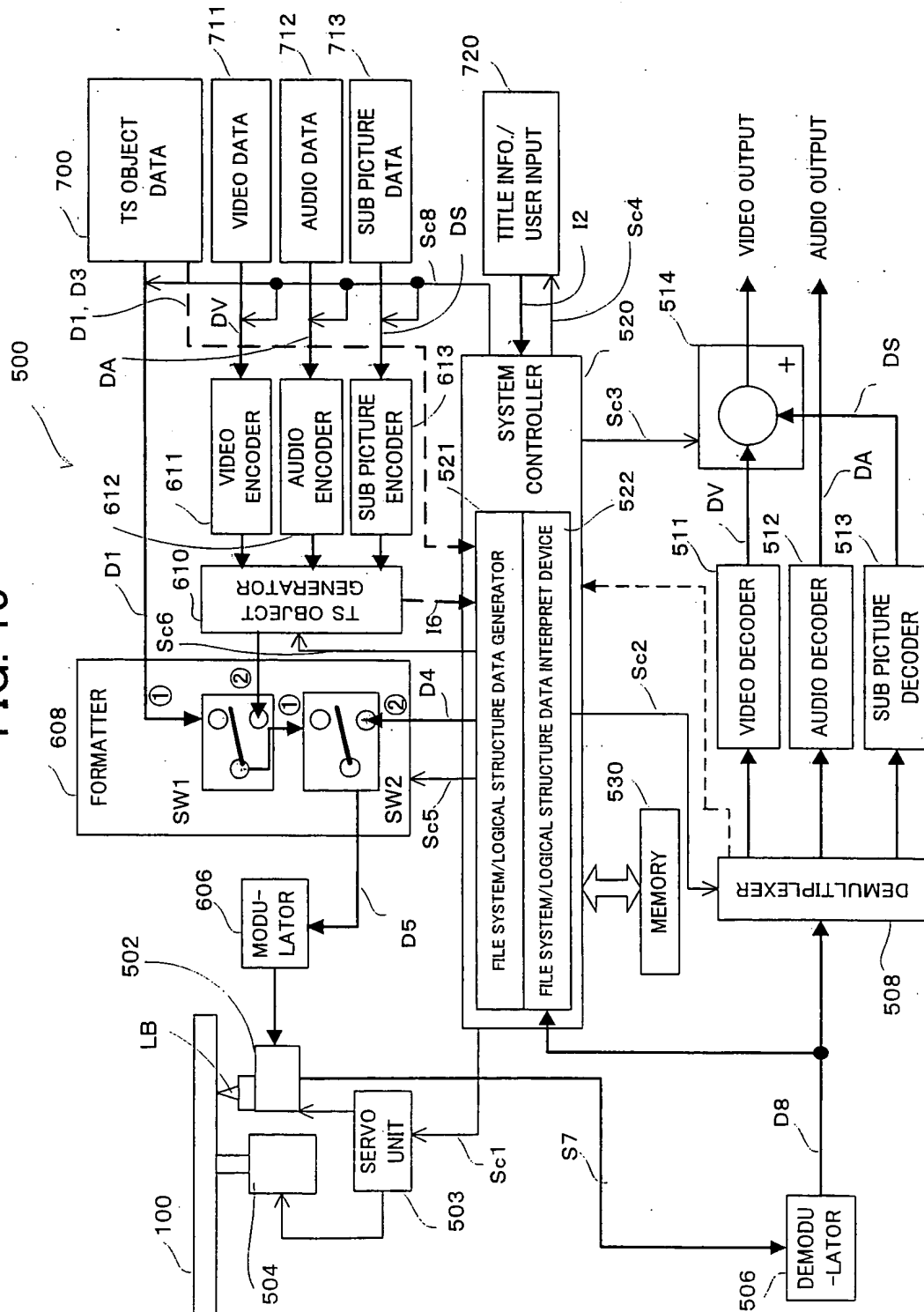
DISCONTINUOUS  
INFORMATION OF  
SPN

(COMMON  
REGARDLESS OF  
ESSTREAM)

| DISCONTINUITY<br>START<br>SPN (PACKET NO.) | OFFSET VALUE<br>(NUMBER OF LACKED<br>PACKETS + 1) |
|--------------------------------------------|---------------------------------------------------|
| 12                                         | 5                                                 |
| 86                                         | 10                                                |
| ...                                        | ...                                               |
| ...                                        | ...                                               |
| ...                                        | ...                                               |

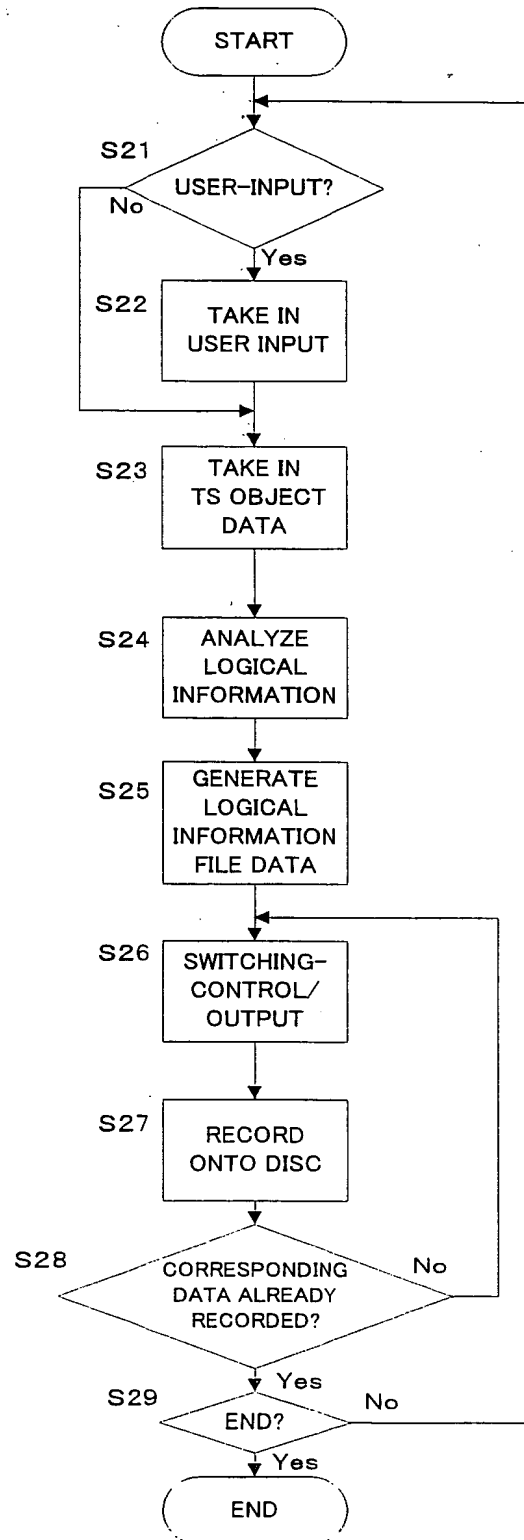
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FIG. 13



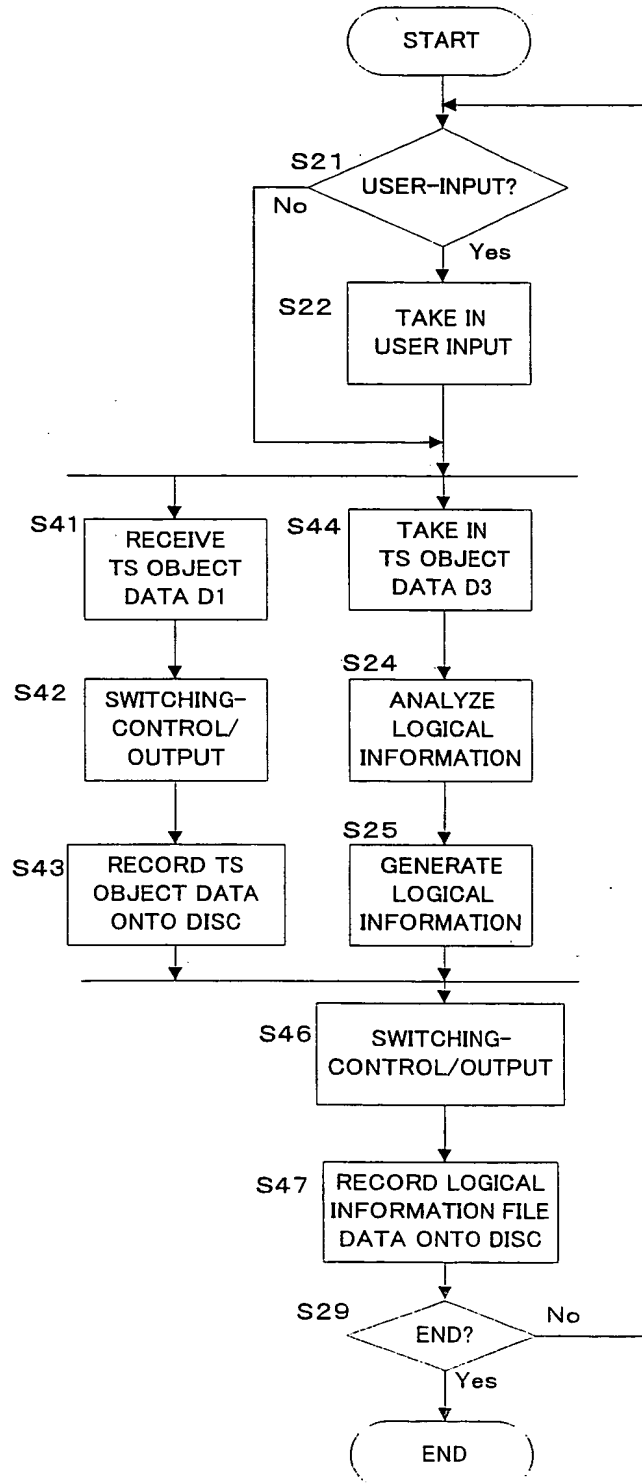
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FIG. 14



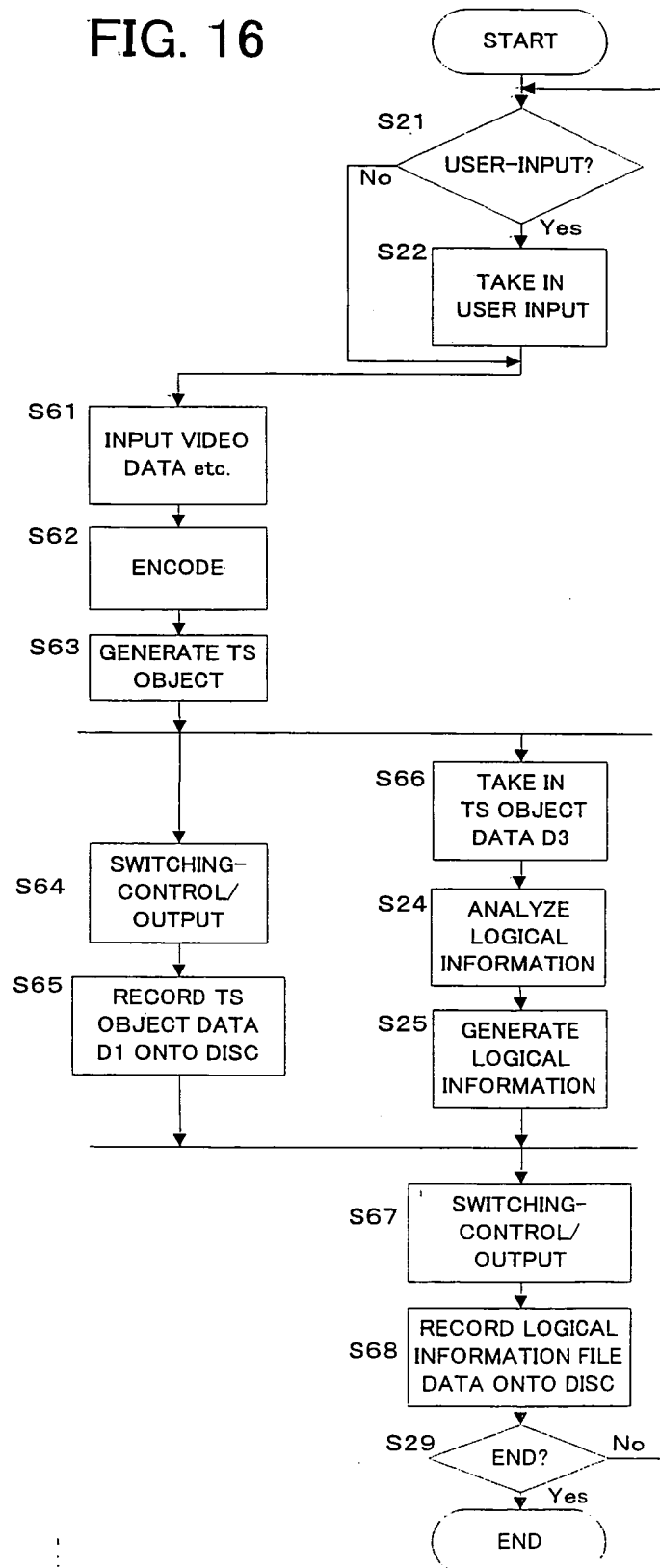
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FIG. 15



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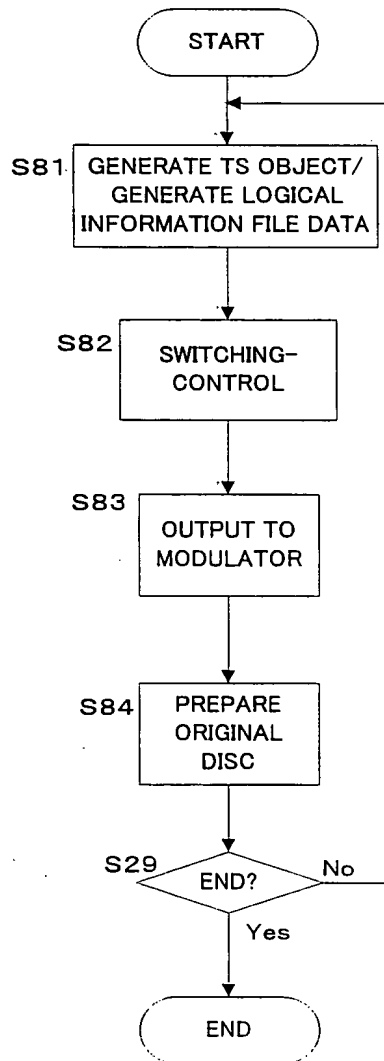
FIG. 16





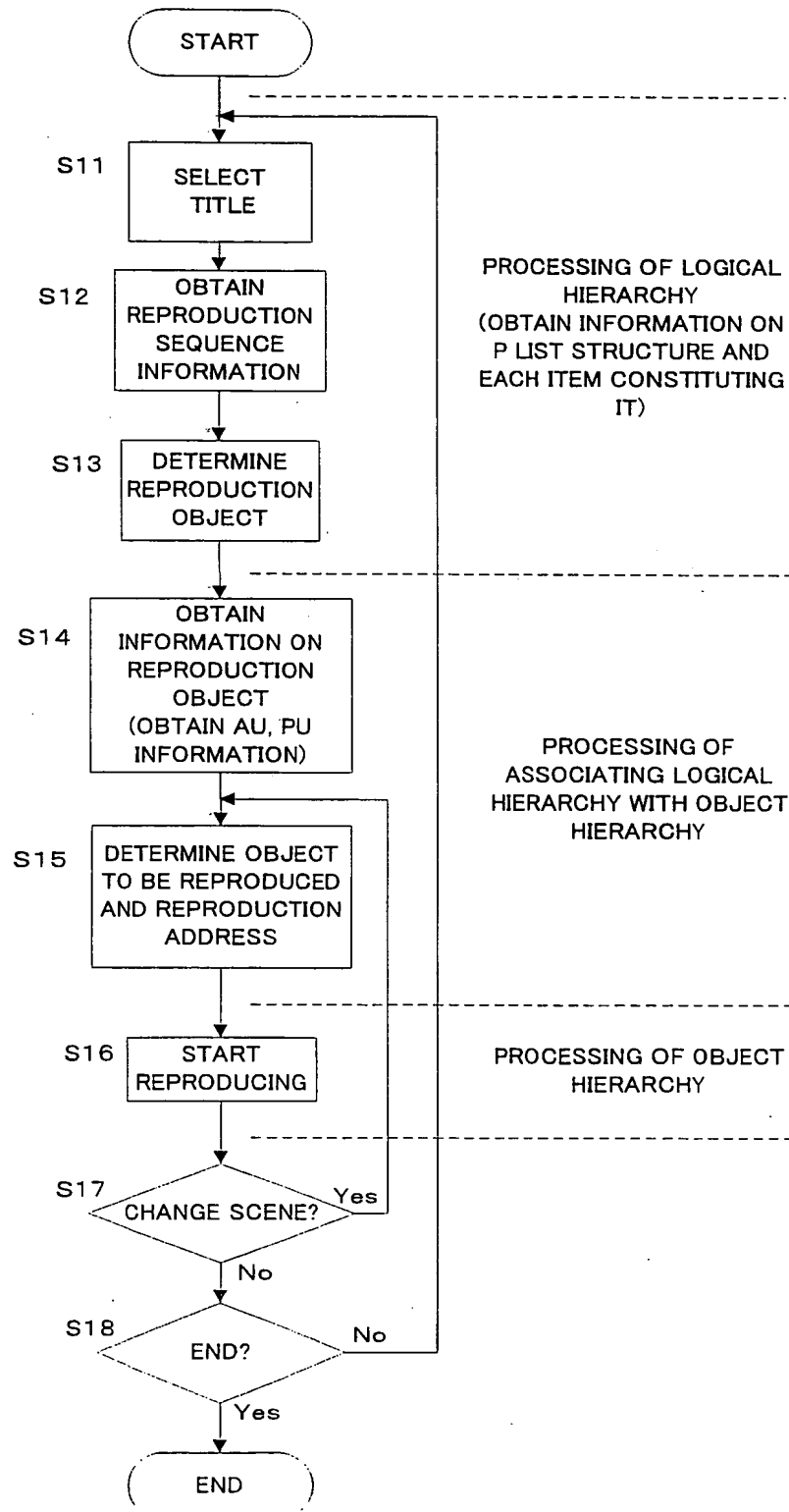
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FIG. 17



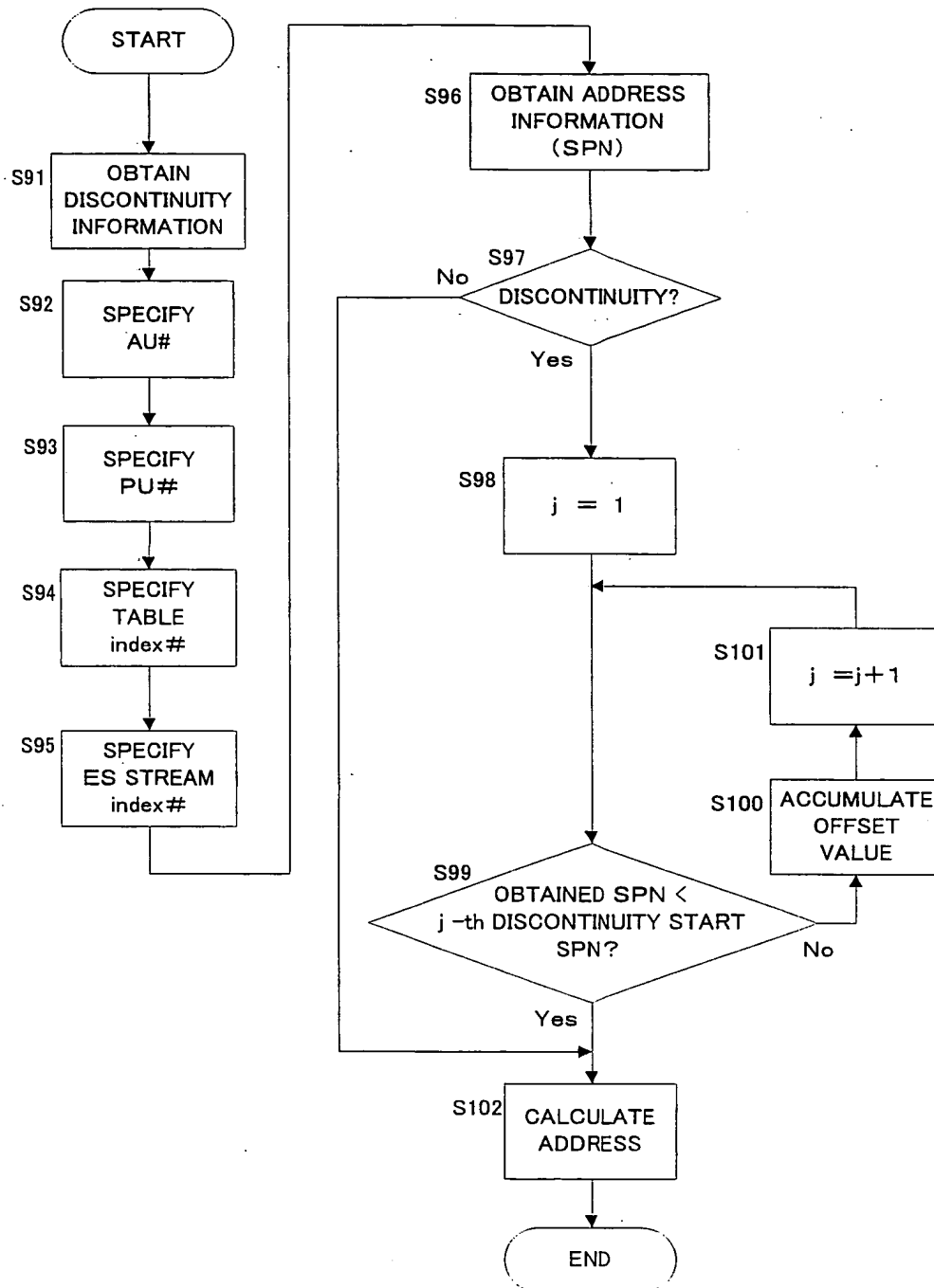
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FIG. 18



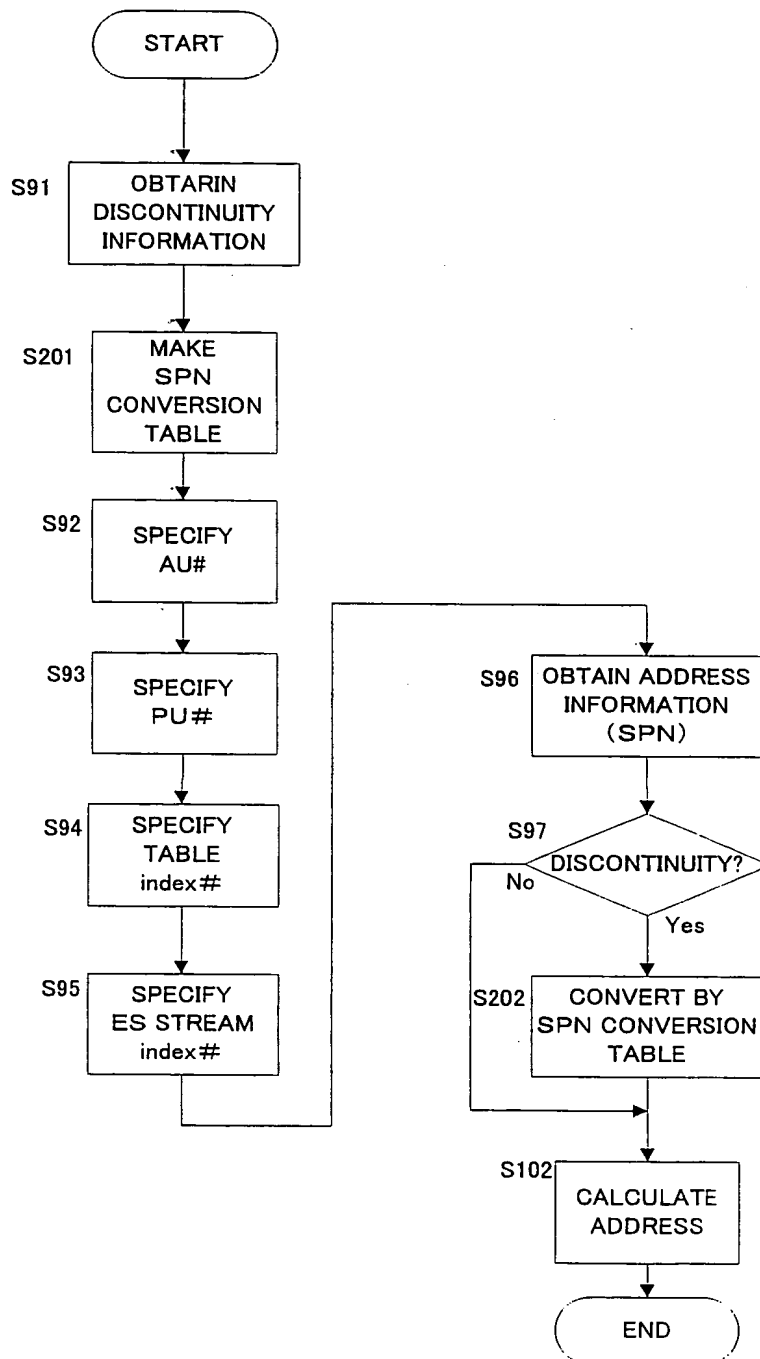
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FIG. 19



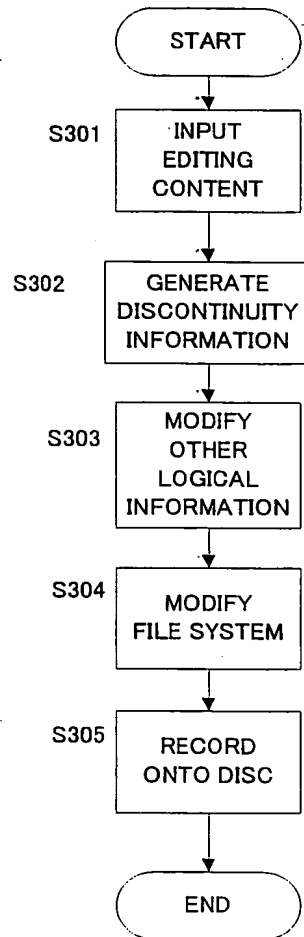
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FIG. 20



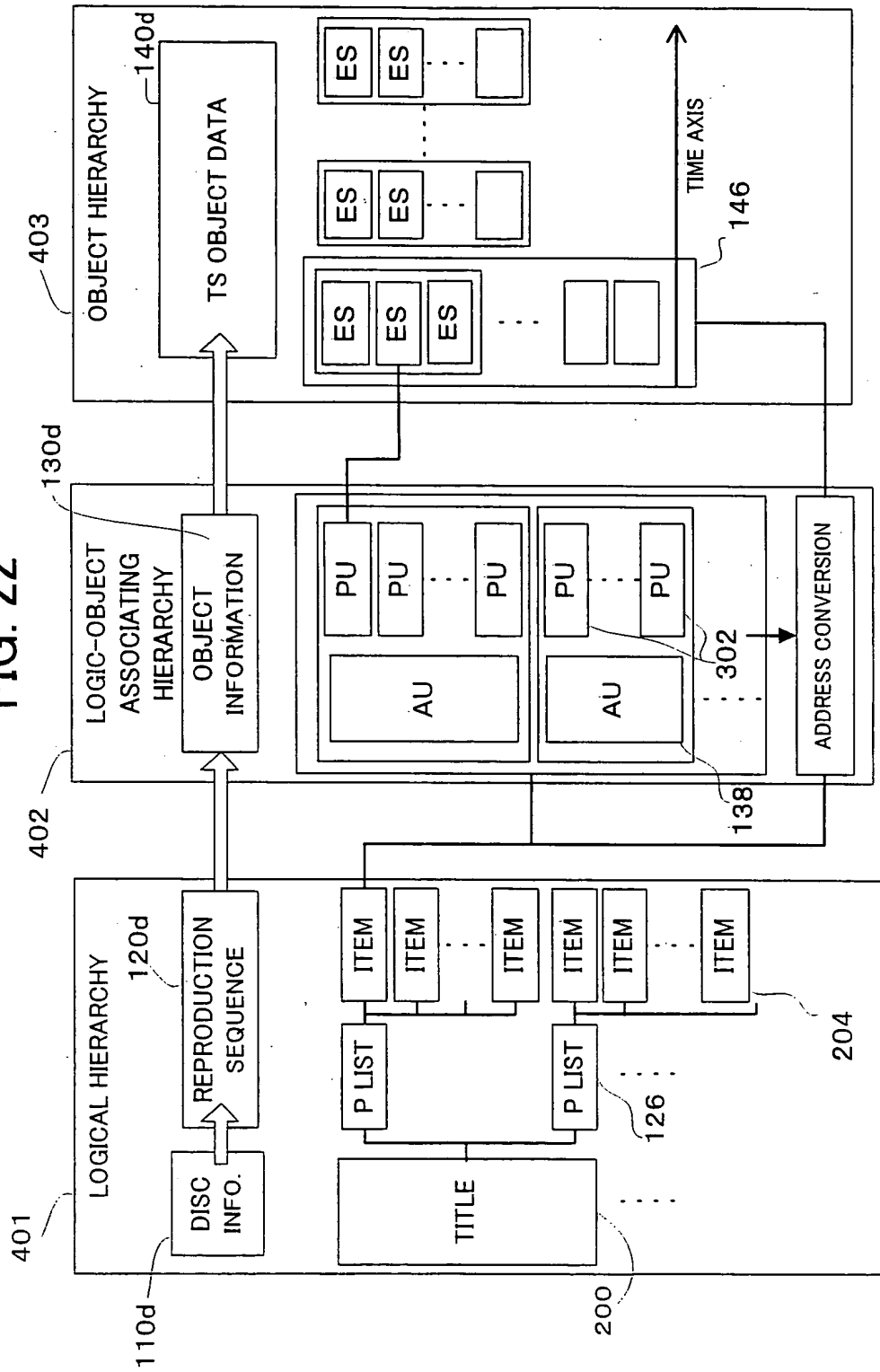
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FIG. 21



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FIG. 22



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FIG. 23

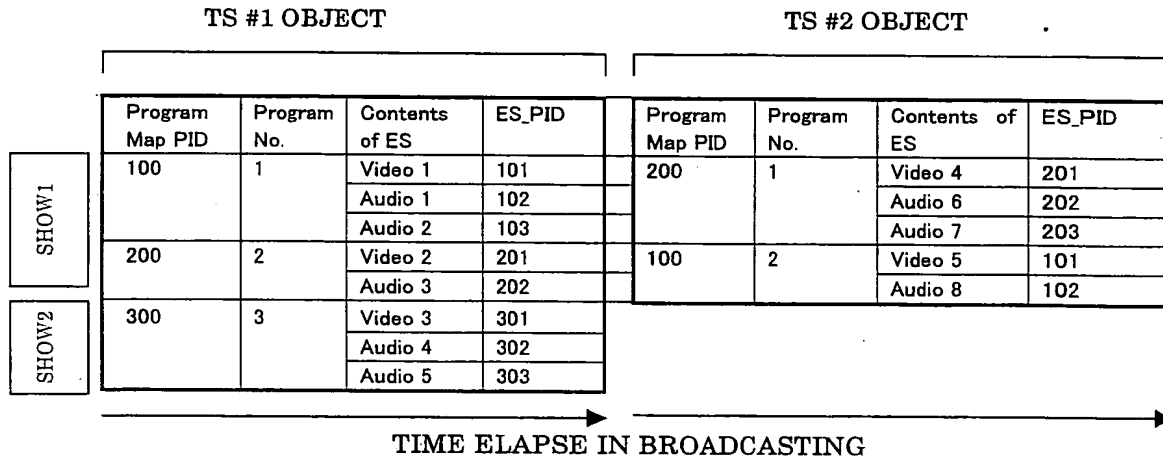
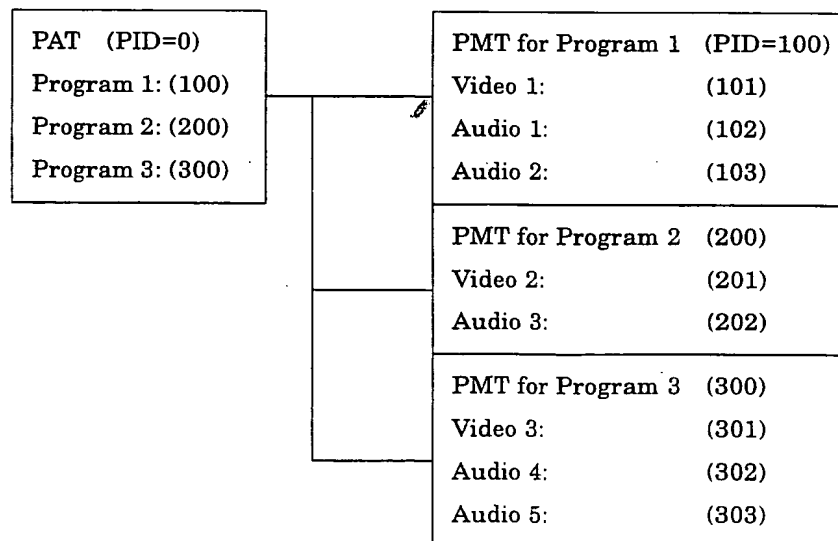


FIG. 24

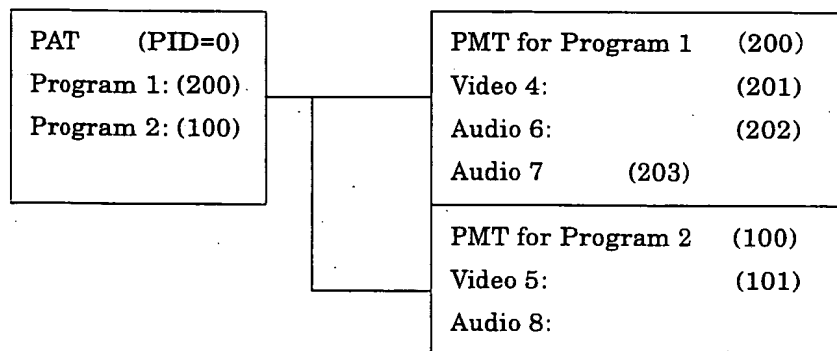
PAT and PMT of TS #1 OBJECT.



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## FIG. 25

PAT and PMT of TS-#2 OBJECT



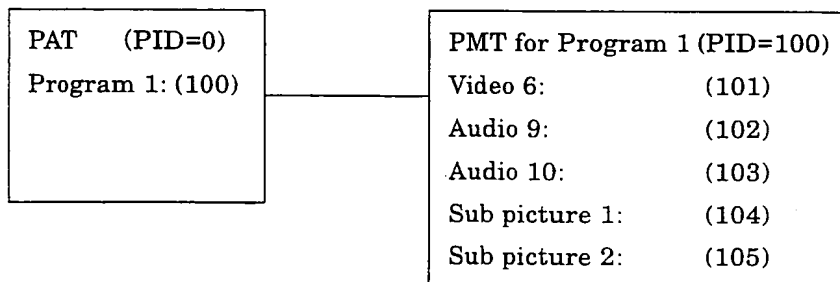
## FIG. 26

TS #3 OBJECT

| Program Map PID | Program NO. | Contents of ES | ES_PID |
|-----------------|-------------|----------------|--------|
| 100             | 1           | Video 6        | 101    |
|                 |             | Audio 9        | 102    |
|                 |             | Audio 10       | 103    |
|                 |             | Sub picture 1  | 104    |
|                 |             | Sub picture 2  | 105    |

## FIG. 27

PAT and PMT of TS #3 OBJECT





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FIG. 28

100

| DISC         |              |           |              |               |
|--------------|--------------|-----------|--------------|---------------|
| TITLE #1     |              |           | TITLE #2     |               |
| P LIST #1    |              |           | P LIST #2    |               |
| Item #1      | Item #2      |           | Item #1      |               |
| TS #1 OBJECT | TS #2 OBJECT |           | TS #3 OBJECT |               |
| Vision #1    | Video 1      | Vision# 1 | Video 4      | Video 6       |
|              | Audio 2      |           | Audio 7      | Audio 9       |
| Vision #2    | Video 2      | Vision# 2 | Video 5      | Audio 10      |
|              | Audio 3      |           | Audio 8      | Sub picture 1 |
|              |              |           |              | Sub picture 2 |

FIG. 29

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| FIELD NAME                     |                                                                                 | DESCRIPTION CONTENTS                                                                 |
|--------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| DISC COMPREHENSIVE INFORMATION |                                                                                 | DISC VOLUME INFORMATION, TOTAL TITLE NUMBER etc.                                     |
| TITLE INFO.<br>table           | TITLE POINTER                                                                   | STORING ADDRESS OF TITLE #1 INFO.,<br>OTHER INFO. ABOUT TITLE #1, such as TITLE TYPE |
|                                |                                                                                 | STORING ADDRESS OF TITLE #2 INFO.,<br>OTHER INFO. ABOUT TITLE #1, such as TITLE TYPE |
|                                |                                                                                 |                                                                                      |
|                                | TITLE#1 INFO.                                                                   | THE NUMBER OF THE HEAD OF P LISTS OF TITLE #1,<br>OTHER INFO. ABOUT THIS P LIST      |
|                                |                                                                                 | THE NUMBER OF OTHER P LISTS IN TITLE #1,<br>OTHER INFO. ABOUT THIS P LIST            |
|                                |                                                                                 |                                                                                      |
| TITLE #2 INFO.                 | THE NUMBER OF THE HEAD OF P LISTS OF TITLE #2,<br>OTHER INFO. ABOUT THIS P LIST |                                                                                      |
|                                |                                                                                 |                                                                                      |
|                                |                                                                                 |                                                                                      |
| OTHER INFORMATION              |                                                                                 |                                                                                      |

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FIG. 30

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TITLE INFORMATION TABLE

| FIELD NAME     | DESCRIPTION CONTENTS                                                                                                     |
|----------------|--------------------------------------------------------------------------------------------------------------------------|
| TITLE POINTER  | STORING ADDRESS OF TITLE #1 INFO.,<br>TITLE TYPE = ONE P LIST TITLE; namely, TOTAL<br>NUMBER OF P LISTS = 1, OTHER INFO. |
|                | STORING ADDRESS OF TITLE #2 INFO.,<br>TITLE TYPE = ONE P LIST TITLE; namely, TOTAL<br>NUMBER OF P LISTS = 1, OTHER INFO. |
| TITLE #1 INFO. | THE NUMBER OF THE HEAD OF P LISTS = 1,<br>OTHER INFO. ABOUT THIS LIST, such as CHAPTER INFO.                             |
| TITLE #2 INFO. | THE NUMBER OF THE HEAD OF P LISTS = 2,<br>OTHER INFO. ABOUT THIS LIST, such as CHAPTER INFO.                             |

FIG. 31

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P LIST INFORMATION TABLE

| FIELD NAME                 |                                  |                   | DESCRIPTION CONTENTS                                                |
|----------------------------|----------------------------------|-------------------|---------------------------------------------------------------------|
| P LIST COMPREHENSIVE INFO. |                                  |                   | P LIST SIZE, TOTAL P LIST NUMBERS<br>etc.                           |
| P LIST<br>POINTER<br>TABLE | P LIST #1 POINTER                |                   | P LIST #1 INFO. STORING ADDRESS                                     |
|                            | P LIST #2 POINTER                |                   | P LIST #2 INFO. STORING ADDRESS                                     |
| P LIST #1<br>INFO. TABLE   | P LIST #1 COMPREHENSIVE<br>INFO. |                   | TOTAL NUMBER OF Items<br>CONSTITUTING P LIST #1 = 2, OTHER<br>INFO. |
|                            | P LIST #1<br>Item INFO. TABLE    | Item#1 INFO.      | RELEVANT AU NUMBER IN AU TABLE<br>IN OBJECT INFO. FILE, etc.        |
|                            |                                  | Item#2 INFO.      | RELEVANT AU NUMBER IN AU TABLE<br>IN OBJECT INFO. FILE, etc.        |
|                            | OTHER INFORMATION                |                   |                                                                     |
| P LIST #2<br>INFO. TABLE   | P LIST #2 COMPREHENSIVE<br>INFO. |                   | TOTAL NUMBER OF Items<br>CONSTITUTING P LIST #2 = 2, OTHER<br>INFO. |
|                            | P LIST #2<br>Item INFO. TABLE    | Item#1 INFO.      | RELEVANT AU NUMBER IN AU TABLE<br>IN OBJECT INFO. FILE, etc.        |
|                            |                                  | OTHER INFORMATION |                                                                     |

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FIG. 32

AU Table

| FIELD NAME                              |                   |       |                   | CONTENTS                                                    |    |
|-----------------------------------------|-------------------|-------|-------------------|-------------------------------------------------------------|----|
| AU TABLE COMPREHENSIVE INFO.            |                   |       |                   | NUMBER OF AUs, POINTER TO EACH AU, etc.                     |    |
| AU Table                                | AU #1<br><br>132I | PU #1 | ES_Table Index #1 | INDEX NO. OF ES_map table = 1                               |    |
|                                         |                   |       | ES_Table Index #2 |                                                             | 3  |
|                                         | AU #2<br><br>302I | PU #2 | ES_Table Index #1 | 4                                                           |    |
|                                         |                   |       | ES_Table Index #2 | 5                                                           |    |
|                                         |                   | PU #1 | ES_Table Index #1 | 9                                                           |    |
|                                         |                   |       | ES_Table Index #2 | 10                                                          |    |
|                                         |                   |       | PU #2             | ES_Table Index #1                                           | 12 |
|                                         |                   |       |                   | ES_Table Index #2                                           | 13 |
|                                         | AU #3<br><br>131C | PU #1 | ES_Table Index #1 | 14                                                          |    |
|                                         |                   |       | ES_Table Index #2 | 15                                                          |    |
|                                         |                   |       | ES_Table Index #3 | 16                                                          |    |
| ES_Table Index #4                       |                   |       | 17                |                                                             |    |
| ES_Table Index #5                       |                   |       | 18                |                                                             |    |
| PACKET NUMBER DISCONTINUITY INFORMATION |                   |       |                   | PACKET NUMBER DISCONTINUITY START POINT, OFFSET VALUE, etc. |    |
| OTHER INFORMATION                       |                   |       |                   |                                                             |    |

ES\_Map Table

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| FIELD NAME        |                                  | CONTENTS                                 |
|-------------------|----------------------------------|------------------------------------------|
| ES_Map Table      | ES_map table COMPREHENSIVE INFO. | INDEX NO., etc.                          |
|                   | Index #1                         | ES_PID VALUE =101<br>ADDRESS INFORMATION |
|                   | Index #2                         | ES_PID =102<br>ADDRESS INFORMATION       |
|                   | Index #3                         | ES_PID =103<br>ADDRESS INFORMATION       |
|                   | Index #4                         | ES_PID =201<br>ADDRESS INFORMATION       |
|                   | Index #5                         | ES_PID =202<br>ADDRESS INFORMATION       |
|                   | Index #6                         | ES_PID =301<br>ADDRESS INFORMATION       |
|                   | Index #7                         | ES_PID =302<br>ADDRESS INFORMATION       |
|                   | Index #8                         | ES_PID =303<br>ADDRESS INFORMATION       |
|                   | Index #9                         | ES_PID =201<br>ADDRESS INFORMATION       |
|                   | Index #10                        | ES_PID =202<br>ADDRESS INFORMATION       |
|                   | Index #11                        | ES_PID =203<br>ADDRESS INFORMATION       |
|                   | Index #12                        | ES_PID =101<br>ADDRESS INFORMATION       |
|                   | Index #13                        | ES_PID =102<br>ADDRESS INFORMATION       |
|                   | Index #14                        | ES_PID =101<br>ADDRESS INFORMATION       |
|                   | Index #15                        | ES_PID =102<br>ADDRESS INFORMATION       |
|                   | Index #16                        | ES_PID =103<br>ADDRESS INFORMATION       |
|                   | Index #17                        | ES_PID =104<br>ADDRESS INFORMATION       |
|                   | Index #18                        | ES_PID =105<br>ADDRESS INFORMATION       |
| OTHER INFORMATION |                                  |                                          |

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